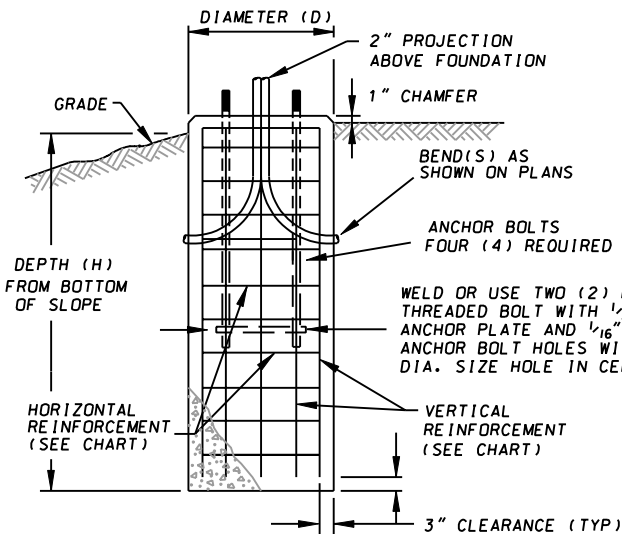
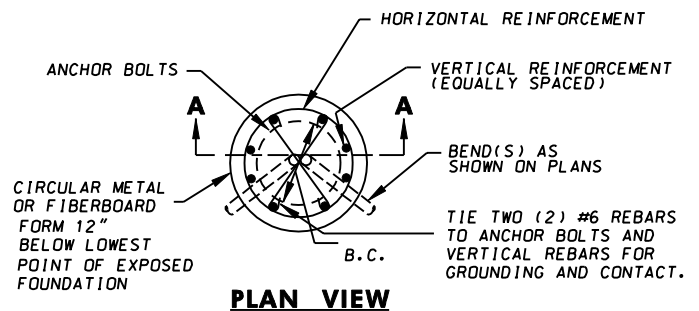


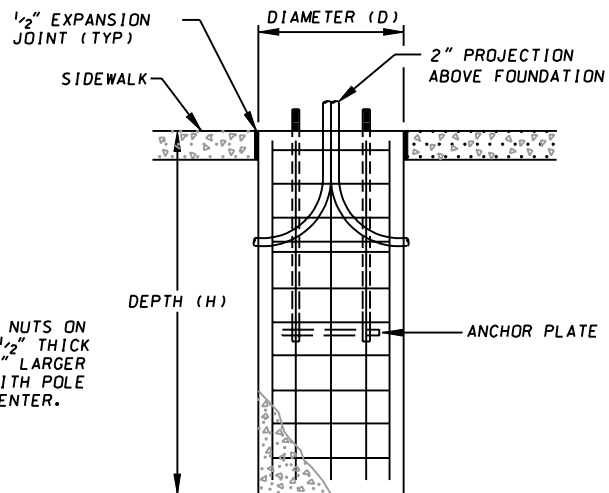
POLE TYPE	ARM LENGTH OR POLE SIZE	BOLT CIRCLE (B.C.)	ANCHOR BOLT SIZE	ANCHOR BOLT PROJECTION ABOVE FOUNDATION MAX	FOUNDATION REINFORCEMENT				CONCRETE REQUIRED C.Y.
					DIAMETER D	DEPTH H IN GROUND	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	
PEDESTAL BREAKAWAY	10' / 14' / 20'	11"	1" DIA. x 36"	3 1/4"	2'-0"	6'-0"	6 NO. 8	NO. 3@12"C.C.	1.0
STRAIN	12" x 30'	16"	1 3/4" DIA. x 66"	7 1/2"	3'-0"	10'-0"	8 NO. 10	NO. 4@12"C.C.	3.0
	12" x 32'	22"	2 1/4" DIA. x 72"	8 1/2"	4'-0"	10'-0"	16 NO. 10	NO. 4@12"C.C.	5.0
	14" x 32'	22"	2 1/4" DIA. x 72"	8 1/2"	4'-0"	10'-0"	16 NO. 10	NO. 4@12"C.C.	5.0
MAST ARM	38' SINGLE	16"	1 1/2" DIA. x 54"	6 1/2"	3'-0"	10'-0"	8 NO. 10	NO. 4@12"C.C.	3.0
	50' SINGLE AND TWIN	18"	1 3/4" DIA. x 66"	7 1/2"	3'-0"	10'-0"	8 NO. 10	NO. 4@12"C.C.	3.0
	60' & 70' SINGLE	22"	2" DIA. x 72"	8"	4'-0"	10'-0"	16 NO. 10	NO. 4@12"C.C.	5.0
	50' / 60' - 70' TWIN	22"	2" DIA. x 72"	8"	4'-0"	10'-0"	16 NO. 10	NO. 4@12"C.C.	5.0

#### NOTES:



1. MAST ARM POLE FOUNDATIONS SHALL PROJECT ABOVE GRADE TO PROVIDE MAST ARM TO ROADWAY CLEARANCE OF 18' - 20' FULLY LOADED.
2. ALL EXPOSED FOUNDATION FACES SHALL BE FINISHED SMOOTH.
3. GROUT SHALL NOT BE INSTALLED BETWEEN THE BASE PLATE AND THE TOP OF THE FOUNDATION.
4. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOR BOLT PROJECTION FROM FOUNDATION AND FOUNDATION PROJECTION FROM GRADE.
5. 1/4" THICK STEEL TEMPLATE PLATE WITH 1/16" LARGER ANCHOR BOLT HOLE SHALL BE USED FOR INSTALLATION.
6. ANCHOR BOLTS SHALL BE PLUMB.



**SECTION A-A  
NON-SIDEWALK AREA**



**SECTION A-A  
SIDEWALK AREA**

SPECIFICATION	CATEGORY CODE ITEMS
APPROVED	 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
	APPROVAL • SHA REVISIONS
	APPROVAL 7-1-94
	REVISED 10-1-01
	REVISED
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 7-1-94
	REVISED 2-1-01
	REVISED

**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

### SIGNAL STRUCTURE FOUNDATIONS

**STANDARD NO.**

**MD 801.01**